

## Case 301 : Narrative

Case Vehicle (A): 2000 Mercury	Vehicle (B): 1994 Oldsmobile
Type: Cougar, 2-door coupe	Type: Bravada MPV, 4-door
Driver: 45-year-old female	Driver: 43-year-old female
CDC: 12-FDAW-6	CDC: 12-FDEW-4, 00-RDAO-2

This is a fatal crash. Both drivers sustained fatal injuries in this severe head-on impact.

### SITUATION

[1](#) [2](#) [3](#) On a clear night, case vehicle (A) was traveling north at an unknown speed on a two-lane asphalt road, in a rural area. The road surface was dry, it was dark and unlighted, and the speed limit was 45 mph (72 kph). [4](#) Vehicle (B) was traveling south at an unknown speed on the same roadway when the driver of vehicle (B) probably fell asleep or lost consciousness because of high drug and blood alcohol levels. [5](#) Vehicle (B) crossed the centerline, entered the northbound lane and struck case vehicle (A) head-on. [6](#) [7](#) After the impact, case vehicle (A) was pushed rearward, rotated counterclockwise, and came to rest partially off the road facing in a northeast direction. After the impact, vehicle (B) rotated counterclockwise and rolled one-quarter turn onto its right side. The driver of vehicle (B) reportedly used drugs and alcohol prior to the crash, and her blood alcohol level was .28 percent. She also tested positive for cocaine, cocaethylene, and benzoylecgonine. Both vehicles were towed due to damage. The driver of case vehicle (A) was pronounced dead on the arrival at a local hospital, and the driver of vehicle (B) was pronounced dead at the scene.

### GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[8](#) [9](#) [10](#) Damage to the front of case vehicle (A) was severe. Direct damage began at the left-front bumper corner and extended 135-cm across the entire front. The maximum crush was 102 cm at the left-front bumper corner.

[11](#) The direct damage to vehicle (B) was to the front and extended 150 cm across the entire front. The maximum crush was 87 cm at the left-front bumper corner. The entire front of the vehicle was crushed rearward, with direct damage extending into the engine compartment. The left wheelbase was reduced 70 cm. There was also minor rollover damage that extended along the entire right side.

[12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) Using the WinSMASH accident-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	71 (44)	-70 (-44)	12 (8)
Vehicle (B)	delta V	53 (33)	-53 (-33)	0 (0)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

[21](#) [22](#) In the front of case vehicle (A), the bumper and grille area were severely damaged and pushed rearward into the engine compartment, and both headlight assemblies were broken. [23](#) The hood was severely crushed, the damaged hood latch had released, and both hood hinges were separated, allowing the hood to separate from its hinges. [24](#) [25](#) [26](#) There was direct damage to the top of the hood, to the center portion of the windshield, and to the upper portion of the left A-pillar, from contact with the front of vehicle (B). [27](#) [28](#) There was also a 77-cm tear in the right portion of the windshield, and about 20% bond separation. [29](#) Both sides of the roof were severely buckled due to the rearward movement of the upper A-pillars.

[30](#) On the left side, the front fender was crushed rearward into the left-front wheel, which was damaged and pushed rearward. The front axle was broken, and the left wheelbase was reduced 56 cm. [31](#) The upper portion of the left A-pillar was moved rearward and

stood up almost vertical, and it had been cut during extrication of the driver. [32](#) Also, the damaged and jammed driver door had been pried open by the rescue personnel, and the window glass was broken. [33](#) The lower portion of the A-pillar and the upper and lower portions of the B-pillars were also damaged. [34](#) The left-rear quarter panel was slightly buckled just behind the driver door, but there was no other damage to the left side and no damage to the upper portion of the C-pillar. [35](#) There was no damage to the rear of case vehicle (A).

[36](#) The right fender was deformed and shifted to the left. [37](#) The upper and lower portions of the A-pillar were displaced and the right door was jammed closed. [38](#) There was no damage to the right wheels, although the wheelbase was increased 4 cm. There was no damage to the right B- or C-pillars, and the quarter panel was buckled just behind the right-front door.

## Interior

[39](#) [40](#) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags, which deployed during this severe frontal impact. [41](#) [42](#) The driver airbag and the passenger airbag skins had small cuts in the back side of the fabric, probably from broken windshield glass. [43](#) There were no contact marks on the driver airbag. [44](#) Rescue personnel removed the steering-wheel rim/hub and much of the steering column during extrication, so rotation of the steering column could not be determined. [45](#) [46](#) [47](#) [48](#) [49](#) The steering-wheel hub was damaged, the steering-wheel rim was severely bent in a concave manner, and the steering-wheel spokes were damaged, probably due to loading by the unbelted driver through the airbag. [50](#) [51](#) Also in the driver area, the left-front door, the door hardware, and the door armrest appeared to be damaged from the crash, but were also damaged during the driver extrication. [52](#) [53](#) The toepan, floor area, and the foot controls in the driver area were also damaged and displaced to the rear. [54](#) [55](#) The driver seatback and seat cushion were damaged, the seat adjuster was jammed, and the seatback was rotated forward. [56](#) [57](#) [58](#) The upper and mid portions of the instrument panel in the driver area were displaced and damaged, and the driver knee bolster was damaged. [59](#) [60](#) All components on the instrument panel and dashboard were damaged,

including the ashtray, control knobs, instruments, glove compartment, vents, ducts, and the radio. [61](#) [62](#) [63](#) The interior of the windshield was damaged throughout, the windshield header was displaced to the rear, and the interior areas of both A-pillars were damaged. Also, the roof interior and roof headlining were deformed. [64](#) The right-front seatback was deformed and rotated forward, and the seat adjuster was jammed. [65](#) [66](#) [67](#) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
left front	windshield	59	to rear
	toepan	36	to rear
	instrument panel	32	to rear
	A-pillar	floor	roof header
steering wheel	30	10	9
unknown	to rear	up	to rear

## OCCUPANT KINEMATICS AND INJURIES

[68](#) [69](#) The 5-ft, 4-in, 205-lb, 45-year-old female driver was **not** wearing the three-point belt, and the steering-wheel airbag deployed. [70](#) [71](#) [72](#) There were no marks on the D-ring or belt webbing to indicate that the belt was being used.

[73](#) During the frontal impact, the unbelted female driver moved forward relative to the vehicle interior into the airbag. [74](#) [75](#) She sustained a fractured nose, possibly from contact with the airbag or the upper instrument panel. [76](#) She sustained fractures to the anterior aspects of all ribs with bilateral flail chest, probably from steering-wheel loading through the airbag. She sustained unspecified spinal fractures at the level of T3-T4 from an unknown source. [77](#) [78](#) She sustained lacerations to the lateral aspect of the left forearm, possibly from contact with the driver door and/or door glass, or from contact with the upper portion of the instrument panel. She also sustained lacerations to the lateral aspect of the

right thigh from an unknown source. [79](#) She sustained compound fractures of the distal left femur, and proximal fractures of the left tibia and fibula, from contact with the knee bolster, as indicated by scuff marks on the bolster. She also sustained a laceration to the right knee, from contact with the knee bolster. [80](#) In addition, she sustained a laceration to the lateral aspect of the right ankle, probably from contact with the brake or accelerator pedals, and a dislocation of the right ankle, probably from contact with the brake pedal.

The following table [81](#) and attached drawing summarize the injuries for the unbelted driver.

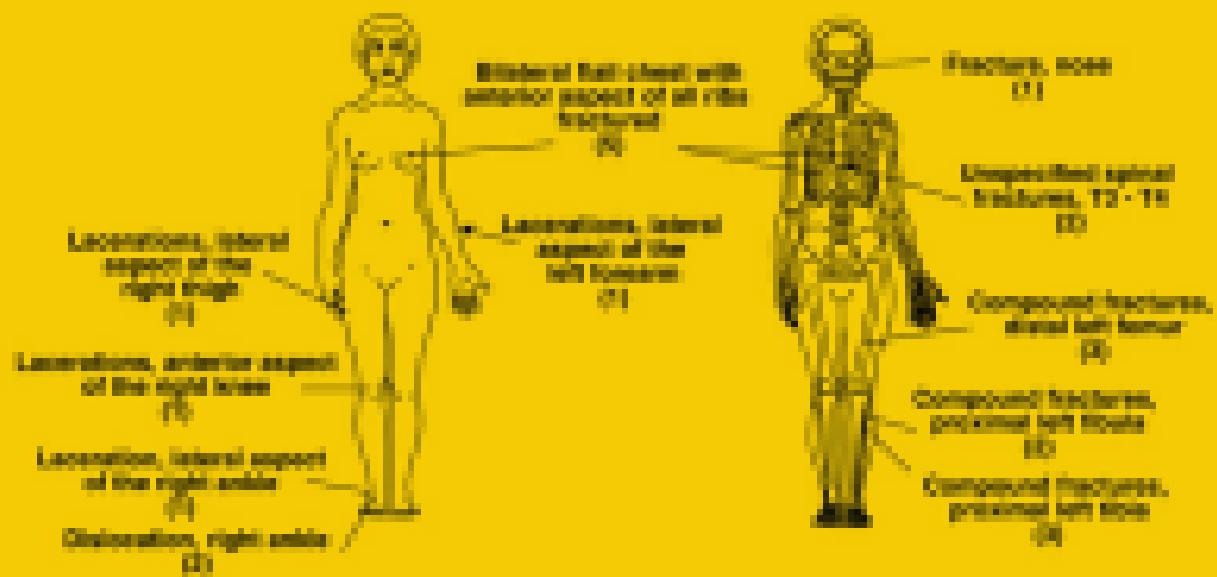
Occupant: Driver	Age: 45 years	Gender: Female		
Restraints: 3-point belt <b>not</b> worn; airbag deployed	Stature: 163 cm (5 ft, 4 in)	Mass: 93 kg (205 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Fracture, nose	1	—	—	Airbag, upper instrument panel
Fractures to the anterior aspect of all ribs with bilateral flail chest	5	—	Steering wheel through airbag	—
Unspecified spinal fractures at T3-T4	2	Impact forces	—	—
Lacerations, lateral aspect of the left forearm	1	—	Door interior/glass	Upper instrument panel
Lacerations, lateral aspect of the right thigh	1	Unknown	—	—
Lacerations, anterior aspect of the right knee	1	Knee bolster	—	—
Compound fractures, distal left femur	3	Knee bolster	—	—
Compound fractures, proximal left tibia	3	Knee bolster	—	—
Compound fractures, proximal left fibula	2	Knee bolster	—	—
Laceration, lateral aspect of the right ankle	1	—	Brake and/or accelerator pedals	—
Dislocation, right ankle	2	—	Brake pedal	—
Maximum A.I.S. Level	5	—	—	—
Injury Severity Score	35	FATAL - autopsy conducted	—	—

CASE NO. 200-00

CASE NUMBER: 200-00  
TYPE: Gunshot, Bullet wound

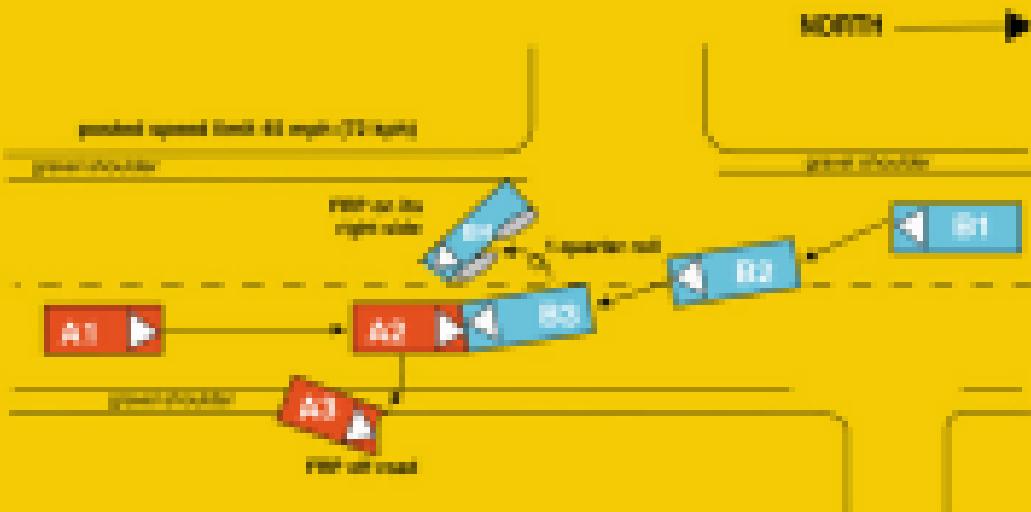
DOCUMENT (200-00) 55-year-old female

SEX: Female; race: white; height: 5' 4"; weight: 120 lbs; hair: brown; eyes: brown; date of birth: 10/10/1943; date of death: 10/10/1998; cause of death: bullet wound to abdomen; manner of death: homicide.



Case No. 2014-1  
Case No. 2014-2  
Upper: Bremen, Lower: Bremen  
Bottom: Bremen-047000

Weather Class  
Wind Surface Dry  
Wind Gusts 100 km/h  
Light Precipitation 1000 m



# Vehicle Report

## General

### Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	<a href="#">more</a>
V207 — Limited Access Highway	0	No	<a href="#">more</a>
V208 — Road Total Lanes	2	2 lanes	<a href="#">more</a>
V209 — Intersecting Road Total Lanes	8	Not applicable	<a href="#">more</a>
V210 — Road Surface Type	1	Asphalt	<a href="#">more</a>
V211 — Road Defects	0	No	<a href="#">more</a>
V212 — Construction Zone	0	No	<a href="#">more</a>
V213 — Road Alignment Vertical Plane	1	Level	<a href="#">more</a>
V214 — Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V215 — Surface Covering	10	Dry	<a href="#">more</a>
V216 — Visibility Limitation	0	None	<a href="#">more</a>
V217 — Visibility Obstruction	0	None	<a href="#">more</a>
V218 — Speed Limit	4	71-79 km/h .. 45 mph	<a href="#">more</a>
V219 — Precipitation Type	0	None	<a href="#">more</a>
V220 — Precipitation Rate	8	Not applicable	<a href="#">more</a>
V221 — Temperature	9	Unknown	<a href="#">more</a>
V222 — Crosswind	9	Unknown	<a href="#">more</a>
V223 — Light Conditions	5	Dark, unlighted	<a href="#">more</a>
V224 — Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V225 — Case Vehicle and Object	0	No	<a href="#">more</a>
V226 — Case Vehicle Rollover	0	No	<a href="#">more</a>

V227 — Case Vehicle Ran Off Roadway	0	No	<a href="#">more</a>
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	<a href="#">more</a>
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	<a href="#">more</a>
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	<a href="#">more</a>
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	<a href="#">more</a>
V232 — Any Fire in Crash	0	No	<a href="#">more</a>
V233 — Max Police Severity-PAR	4	K - Fatal	<a href="#">more</a>
V234 — Driver Alcohol Involvement	0	Had not been drinking	<a href="#">more</a>
V235 — Driver Alcohol BAC	80	Not tested	<a href="#">more</a>
V236 — Driver Impairment Mention	0	No	<a href="#">more</a>
V237 — Driven/Towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1GHDT13W2R07	—	—
V302 — Other Vehicle Manufacturer/Body Code	11414	—	—
V303 — Other Vehicle Manufacturer	114	Oldsmobile	<a href="#">more</a>
V304 — Other Vehicle Body Code	14	Short wheelbase utility vehicle (Jeep, Bronco)	<a href="#">more</a>
V305 — Other Vehicle Make/Model	0668	—	—
V306 — Other Vehicle Model Year	1994	—	—
V307 — Other Vehicle Mass	001828 kg	—	—
V308 — Other Vehicle Number	2	Vehicle #2	<a href="#">more</a>
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V311 — Highest Police Injury Severity	4	K - Fatal	<a href="#">more</a>
V312 — Other Vehicle Type	14	Small utility (wheelbase <107", e.g. Jeep)	<a href="#">more</a>
V313 — Other Vehicle Wheelbase (cm)	272 cm	—	—
V314 — Average Track Width	139 cm	—	—
V315 — Overall Length	454 cm	—	—
V316 — Overall Width (OAW)	166 cm	—	—
V317 — Front Overhang (FOH)	078 cm	—	—
V318 — Rear Overhang (ROH)	104 cm	—	—
V319 — Undeformed End Width (UEW)	150 cm	—	—
V320 — Engine Displacement	4.3 l	—	—
V321 — Engine: Number of Cylinders	06	—	—
V322 — Direct Damage Length (DDL)	150 cm	—	—
V323 — Front-End Overlap % (FEO)	98	98% or more	<a href="#">more</a>
V324 — Vehicle Overlap % (VOL)	98	98% or more	<a href="#">more</a>

## Case Vehicle

### General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1ZWFT61L5Y56	—	—
V402 — Manufacturer/Body Code	12228	—	—
V403 — Vehicle Manufacturer	122	Lincoln-Mercury	<a href="#">more</a>
V404 — Vehicle Body Code	28	—	—
V405 — Make/Model Code	0922	Cougar	<a href="#">more</a>
V406 — Model Year	2000	—	—
V407 — Vehicle Mass	001392 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	999	Unknown	<a href="#">more</a>
V411 — Body Type	12	2-door sedan or coupe (any upper B-pillar)	<a href="#">more</a>
V412 — Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V413 — Body Structure	2	Unitized	<a href="#">more</a>
V414 — Transmission Type	1	Automatic	<a href="#">more</a>
V415 — Transmission Lever Location	2	Console	<a href="#">more</a>
V416 — Steering	1	Power	<a href="#">more</a>
V417 — Brakes	1	Power	<a href="#">more</a>
V418 — Brake Type	2	Disc - front wheels	<a href="#">more</a>
V419 — Brake Anti-lock Device	2	Four-wheel	<a href="#">more</a>
V420 — Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V421 — Drive Type	2	Front wheel	<a href="#">more</a>
V422 — Dual Rear Wheels	0	No	<a href="#">more</a>
V423 — Original Restraint System Type	3	Airbag	<a href="#">more</a>

V424 — Equipped With Roll Bar	0	No	<a href="#">more</a>
V425 — Roof Type	1	Solid	<a href="#">more</a>
V426 — Wheelbase	270 cm	—	—
V427 — Anti-lacerative Glass	0	None	<a href="#">more</a>
V428 — Average Track Width	150 cm	—	—
V429 — Overall Length	470 cm	—	—
V430 — Overall Width (OAW)	177 cm	—	—
V431 — Front Overhang	099 cm	—	—
V432 — Rear Overhang	103 cm	—	—
V433 — Undeformed End Width (UEW)	135 cm	—	—
V434 — Engine Displacement	2.5 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	135 cm	—	—
V437 — Front End Overlap % (FEO)	98	98% or more	<a href="#">more</a>
V438 — Vehicle Overlap % (VOL)	98	98% or more	<a href="#">more</a>

## Case Vehicle

### Damage

#### Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	102 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V507 — Are Events In Chronological Order	1	Yes	<a href="#">more</a>
V508 — Event 1 Impact Location	1	On Roadway	<a href="#">more</a>
V509 — Event 1 Impact Configuration	11	FRONT of case veh - FRONT of contacted Vehicle	<a href="#">more</a>
V510 — Event 1 Object/Vehicle Contacted	14	Small utility (wheelbase <107", e.g. Jeep)	<a href="#">more</a>
V511 — Event 2 Impact Location	8	No 2nd event	<a href="#">more</a>
V512 — Event 2 Impact Configuration	88	No 2nd event	<a href="#">more</a>
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V514 — Event 3 Impact Location	8	No 3rd event	<a href="#">more</a>
V515 — Event 3 Impact Configuration	88	No 3rd event	<a href="#">more</a>
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V517 — Event 4 Impact Location	8	No 4th event	<a href="#">more</a>
V518 — Event 4 Impact Configuration	88	No 4th event	<a href="#">more</a>
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V520 — Event 5 Impact Location	8	No 5th event	<a href="#">more</a>
V521 — Event 5 Impact Configuration	88	No 5th event	<a href="#">more</a>
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V523 — Event 6 Impact Location	8	No 6th event	<a href="#">more</a>

V524 — Event 6 Impact Configuration	88	No 6th event	<a href="#">more</a>
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V526 — Event 7 Impact On Road	8	No 7th event	<a href="#">more</a>
V527 — Event 7 Impact Configuration	88	No 7th event	<a href="#">more</a>
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	<a href="#">more</a>
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	<a href="#">more</a>
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V532 — Primary CDC Case Vehicle -crush	102	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	<a href="#">more</a>
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	<a href="#">more</a>
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	<a href="#">more</a>
V536 — Primary CDC Case Vehicle letter 3 #1	01	A - All	<a href="#">more</a>
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V538 — Primary CDC Case Vehicle Extent #1	06	Extent 6	<a href="#">more</a>
V539 — Primary CDC Case Vehicle -CDC #1	12FDW6	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V549 — Primary CDC Contacted Vehicle -crush	087	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	12	12 o'clock	<a href="#">more</a>
V551 — Primary CDC Contacted Vehicle letter 1	06	F - Front	<a href="#">more</a>

#1			
V552 — Primary CDC Contacted Vehicle letter 2 #1	04	D - Distributed (Side or End) or (F + P + B)	<a href="#">more</a>
V553 — Primary CDC Contacted Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V555 — Primary CDC Contacted Vehicle Extent #1	04	Extent 4	<a href="#">more</a>
V556 — Primary CDC Contacted Vehicle -CDC #1	12FDEW4	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	8	Not applicable	<a href="#">more</a>
V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V566 — Secondary CDC Case Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—

V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V584 — Secondary CDC Contacted Vehicle - crush	998	Not Applicable	<a href="#">more</a>
V585 — Secondary CDC Contacted Vehicle - clock #1	98	Not Applicable	<a href="#">more</a>
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V591 — Secondary CDC Contacted Vehicle - CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V598 — Secondary CDC Contacted Vehicle - CDC #2	9800000	—	—

## Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	071 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-070 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0012 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0172 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	053 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-053 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0338 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—
V617 — Secondary Case Vehicle Reconstruction Note	88	—	—
V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>

V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	071 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-070 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0012 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0172 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V630 — Primary Contacted Vehicle Reconstruction Total EBS	053 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-053 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	0000 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0338 kJ	—	—
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	<a href="#">more</a>
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction	88	—	—

Note				
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable		<a href="#">more</a>
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A		<a href="#">more</a>
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper		<a href="#">more</a>
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	135 cm	—	—	—
V648 — Case Vehicle Impact 1 Max Crush	102 cm	—	—	—
V649 — Case Vehicle Impact 1 Field-L	092 cm	—	—	—
V650 — Case Vehicle Impact 1 C1	102 cm	—	—	—
V651 — Case Vehicle Impact 1 C2	077 cm	—	—	—
V652 — Case Vehicle Impact 1 C3	061 cm	—	—	—
V653 — Case Vehicle Impact 1 C4	043 cm	—	—	—
V654 — Case Vehicle Impact 1 C5	026 cm	—	—	—
V655 — Case Vehicle Impact 1 C6	008 cm	—	—	—
V656 — Case Vehicle Impact 1 +/- D	0000 cm	—	—	—
V657 — Case Vehicle Reconstructed Impact Number	1	—	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper		<a href="#">more</a>
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	150 cm	—	—	—
V660 — Case Vehicle Impact 2 Max Crush	087 cm	—	—	—
V661 — Case Vehicle Impact 2 Field-L	142 cm	—	—	—
V662 — Case Vehicle Impact 2 C1	087 cm	—	—	—
V663 — Case Vehicle Impact 2 C2	084 cm	—	—	—
V664 — Case Vehicle Impact 2 C3	079 cm	—	—	—

V665 — Case Vehicle Impact 2 C4	064 cm	—	—
V666 — Case Vehicle Impact 2 C5	032 cm	—	—
V667 — Case Vehicle Impact 2 C6	022 cm	—	—
V668 — Case Vehicle Impact 2 +/- D	0000 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	2	—	—
V670 — Other Vehicle Impact 1 Plane	4	Above sill	<a href="#">more</a>
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	449 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	001 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	999	Unknown	<a href="#">more</a>
V674 — Other Vehicle Impact 1 C1	999	Unknown	<a href="#">more</a>
V675 — Other Vehicle Impact 1 C2	999	Unknown	<a href="#">more</a>
V676 — Other Vehicle Impact 1 C3	999	Unknown	<a href="#">more</a>
V677 — Other Vehicle Impact 1 C4	999	Unknown	<a href="#">more</a>
V678 — Other Vehicle Impact 1 C5	999	Unknown	<a href="#">more</a>
V679 — Other Vehicle Impact 1 C6	999	Unknown	<a href="#">more</a>
V680 — Other Vehicle Impact 1 +/- D	0999 cm	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	<a href="#">more</a>
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	<a href="#">more</a>
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	<a href="#">more</a>
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	<a href="#">more</a>
V686 — Other Vehicle Impact 2 C1	998	Not applicable	<a href="#">more</a>
V687 — Other Vehicle Impact 2 C2	998	Not applicable	<a href="#">more</a>
V688 — Other Vehicle Impact 2 C3	998	Not applicable	<a href="#">more</a>
V689 — Other Vehicle Impact 2 C4	998	Not applicable	<a href="#">more</a>
V690 — Other Vehicle Impact 2 C5	998	Not applicable	<a href="#">more</a>
V691 — Other Vehicle Impact 2 C6	998	Not applicable	<a href="#">more</a>
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

## Case Vehicle

### Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	<a href="#">more</a>
V702 — Right Front Wheel Damaged	0	No	<a href="#">more</a>
V703 — Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V704 — Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V705 — Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V706 — Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V707 — Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V708 — Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V709 — Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V710 — Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V711 — Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V712 — Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V717 — Left Front Tire Size	60R1560R15	—	—
V718 — Right Front Tire Size	60R1560R15	—	—
V719 — Right Rear Tire Size	60R1560R15	—	—
V720 — Left Rear Tire Size	60R1560R15	—	—

## Case Vehicle

### Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	<a href="#">more</a>
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	<a href="#">more</a>
V803 — Main Filler Cap Location	133	—	—
V804 — Main Tank Material	9	Unknown	<a href="#">more</a>
V805 — Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V806 — Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V808 — Aux Tank Material	8	Not applicable	<a href="#">more</a>
V901 — Fuel Leakage From Crash	0	No	<a href="#">more</a>
V1001 — Fire In Or On Case Vehicle	0	No	<a href="#">more</a>

## Case Vehicle

### Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	1	Yes	<a href="#">more</a>
V1102 — Hood Latch Damaged	1	Yes	<a href="#">more</a>
V1103 — Hood Latch Jammed	0	No	<a href="#">more</a>
V1104 — Left Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1105 — Left Hood Hinge Separated	1	Yes	<a href="#">more</a>
V1106 — Right Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1107 — Right Hood Hinge Separated	1	Yes	<a href="#">more</a>
V1108 — Hood Remained On Vehicle	0	No	<a href="#">more</a>
V1109 — Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110 — Edge Contacted Windshield	1	Yes	<a href="#">more</a>
V1111 — Edge Penetrated Windshield	0	No	<a href="#">more</a>
V1112 — Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113 — Eng/Transmissn Mount Separation	0	No	<a href="#">more</a>
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	<a href="#">more</a>
V1115 — Steerng Column Coupling Damaged	9	Unknown	<a href="#">more</a>
V1116 — Steerng Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117 — Eng Comp Telescopng Unit	88	Not collected	<a href="#">more</a>
V1118 — Comp Orig/Telescopd Diff	888	Not collected	<a href="#">more</a>
V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>

V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1122 — Upper Left B-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1123 — Lower Left B-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1124 — Upper Left C-pillar Separation	0	No	<a href="#">more</a>
V1125 — Lower Left C-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1128 — Left Front Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1129 — Left Rear Door Opening Cause	8	Not applicable (no left rear door)	<a href="#">more</a>
V1130 — Left Front Door Jammed Closed	1	Yes	<a href="#">more</a>
V1131 — Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	<a href="#">more</a>
V1132 — Rear Door Type	1	Hatchback	<a href="#">more</a>
V1133 — Rear Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1134 — Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1135 — Luggage Partition Damaged	8	Not applicable	<a href="#">more</a>
V1136 — Spare Tire Status	8	Not collected	<a href="#">more</a>
V1137 — Trailer Hitch Type	0	No hitch	<a href="#">more</a>
V1138 — Trailer Type	0	No trailer	<a href="#">more</a>
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1140 — Upper Right A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1141 — Lower Right A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1142 — Upper Right B-pillar	0	No	<a href="#">more</a>

Separation			
V1143 — Lower Right B-pillar Separation	0	No	<a href="#">more</a>
V1144 — Upper Right C-pillar Separation	0	No	<a href="#">more</a>
V1145 — Lower Right C-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1148 — Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1149 — Right Rear Door Opening Cause	98	Not applicable (no right rear door)	<a href="#">more</a>
V1150 — Right Front Door Jammed Closed	1	Yes	<a href="#">more</a>
V1151 — Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	<a href="#">more</a>
V1152 — Van Rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>
V1153 — Windshield Cracked		Yes	<a href="#">more</a>
V1154 — Windshield Broken	1	Yes	<a href="#">more</a>
V1155 — Windshield Cracked or Broken by Occupant	0	No	<a href="#">more</a>
V1156 — Bond Separation Extent	1	1 - 20%	<a href="#">more</a>
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Steering

#### Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	2	Severely bent	<a href="#">more</a>
V1202 — Number of Steering Wheel Spokes	4	4 spokes	<a href="#">more</a>
V1203 — Steering Wheel Spoke Damage	2	Severely bent	<a href="#">more</a>
V1204 — Column Tilt Feature	0	Not equipped	<a href="#">more</a>
V1205 — Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1206 — Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1207 — Wheel Energy Absorb Device	8	Not collected	<a href="#">more</a>
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	<a href="#">more</a>
V1209 — Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	<a href="#">more</a>
V1211 — Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1212 — Column Vertical Rotation	9	Unknown	<a href="#">more</a>
V1213 — Column Lateral Rotation	9	Unknown	<a href="#">more</a>
V1214 — Steering Wheel Hub Damage	1	Occupant contact	<a href="#">more</a>

## Case Vehicle

### Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	<a href="#">more</a>
V1302 — Was Intrusion Catastrophic	0	No	<a href="#">more</a>
V1303 — Intrusion Number 01	01	Intrusion #1	<a href="#">more</a>
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1305 — Intrusion 01 Intruding Object	06	Windshield	<a href="#">more</a>
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1307 — Intrusion 01 Max Intrusion X-axis	59 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1314 — Intrusion Number 02	02	Intrusion #2	<a href="#">more</a>
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1316 — Intrusion 02 Intruding Object	03	Toe pan	<a href="#">more</a>
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1318 — Intrusion 02 Max Intrusion X-axis	36 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>

V1325 — Intrusion Number 03	03	Intrusion #3	<a href="#">more</a>
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1327 — Intrusion 03 Intruding Object	01	Instrument panel	<a href="#">more</a>
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1329 — Intrusion 03 Max Intrusion X-axis	32 cm	—	—
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1332 — Intrusion 03 Occupant Number	01	Occupant number 1, contact	<a href="#">more</a>
V1333 — Intrusion 03 Injury Number	01	Injury #1	<a href="#">more</a>
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1336 — Intrusion Number 04	04	Intrusion #4	<a href="#">more</a>
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1338 — Intrusion 04 Intruding Object	08	A-pillar	<a href="#">more</a>
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1340 — Intrusion 04 Max Intrusion X-axis	30 cm	—	—
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1346 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1347 — Intrusion Number 05	05	Intrusion #5	<a href="#">more</a>
V1348 — Intrusion 05 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1349 — Intrusion 05 Intruding Object	04	Floor pan	<a href="#">more</a>
V1350 — Intrusion 05 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1353 — Intrusion 05 Max Intrusion Z-axis	10 cm	—	—
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1358 — Intrusion Number 06	06	Intrusion #6	<a href="#">more</a>
V1359 — Intrusion 06 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1360 — Intrusion 06 Intruding Object	07	Windshield header	<a href="#">more</a>
V1361 — Intrusion 06 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1362 — Intrusion 06 Max Intrusion X-axis	09 cm	—	—
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1368 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1369 — Intrusion Number 07	00	No Intrusion, None	<a href="#">more</a>
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1380 — Intrusion Number 08	00	No Intrusion, None	<a href="#">more</a>

V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1391 — Intrusion Number 09	00	No Intrusion, None	<a href="#">more</a>
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1402 — Intrusion Number 10	00	No Intrusion, None	<a href="#">more</a>
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413 — Door Intrusion Number 01	88	Not Applicable	<a href="#">more</a>
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	<a href="#">more</a>
V1415 — Door Intrusion Number 02	88	Not Applicable	<a href="#">more</a>
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	<a href="#">more</a>
V1417 — Door Intrusion Number 03	88	Not Applicable	<a href="#">more</a>
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	<a href="#">more</a>
V1419 — Door Intrusion 01 Component	88	Not Applicable	<a href="#">more</a>
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1422 — Door Intrusion 02 Component	88	Not Applicable	<a href="#">more</a>
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1425 — Door Intrusion 03 Component	88	Not Applicable	<a href="#">more</a>
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1428 — Door Intrusion 04 Component	88	Not Applicable	<a href="#">more</a>
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	<a href="#">more</a>
V1502 — Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1503 — Driver Airbag Condition	3	Cut during crash	<a href="#">more</a>
V1504 — Passenger Airbag Equip	1	Yes	<a href="#">more</a>
V1505 — Passenger Airbag Deployed	1	Yes	<a href="#">more</a>
V1506 — Passenger Airbag Condition	3	Cut during crash	<a href="#">more</a>
V1507 — Steering Wheel Airbag Tether	1	Yes	<a href="#">more</a>
V1508 — Driver Airbag Marked By Contact	0	No	<a href="#">more</a>
V1509 — Passenger Airbag Tether	0	No	<a href="#">more</a>
V1510 — Passenger Airbag Marked By Contact	0	No	<a href="#">more</a>

## Case Vehicle

### Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	1	Yes	<a href="#">more</a>
V1602 — Right Front Door Damaged	0	No	<a href="#">more</a>
V1603 — Left Front Hardware Damaged	1	Yes	<a href="#">more</a>
V1604 — Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605 — Left Front Armrest Damaged	1	Yes	<a href="#">more</a>
V1606 — Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607 — Left Front Glass Damaged	1	Yes	<a href="#">more</a>
V1608 — Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609 — Left Rear Door Area Damaged	0	No	<a href="#">more</a>
V1610 — Right Rear Door Area Damaged	0	No	<a href="#">more</a>
V1611 — Left Rear Hardware Damaged	0	No	<a href="#">more</a>
V1612 — Right Rear Hardware Damaged	0	No	<a href="#">more</a>
V1613 — Left Rear Armrest Damaged	0	No	<a href="#">more</a>
V1614 — Right Rear Armrest Damaged	0	No	<a href="#">more</a>
V1615 — Left Rear Glass Damaged	0	No	<a href="#">more</a>
V1616 — Right Rear Glass Damaged	0	No	<a href="#">more</a>
V1617 — Left Roof Side Rail Damaged	1	Yes	<a href="#">more</a>
V1618 — Right Roof Side Rail Damaged	0	No	<a href="#">more</a>

V1619 — Left B-pillar Damaged	0	No	<a href="#">more</a>
V1620 — Right B-pillar Damaged	0	No	<a href="#">more</a>
V1621 — Left C-pillar Damaged	0	No	<a href="#">more</a>
V1622 — Right C-pillar Damaged	0	No	<a href="#">more</a>
V1623 — Left D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1624 — Right D-pillar Damaged	0	No	<a href="#">more</a>
V1625 — Left Headlining Damaged	1	Yes	<a href="#">more</a>
V1626 — Right Headlining Damaged	1	Yes	<a href="#">more</a>
V1627 — Left Roof Structure Damaged	1	Yes	<a href="#">more</a>
V1628 — Right Roof Structure Damaged	1	Yes	<a href="#">more</a>
V1629 — Left T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630 — Right T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631 — Other Left Side Item Damaged	8	Not applicable	<a href="#">more</a>
V1632 — Other Right Side Item Damaged	8	Not applicable	<a href="#">more</a>
V1633 — Foot Controls Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1634 — Ignition Key Damaged	1	Yes	<a href="#">more</a>
V1635 — Rear View Mirror Damaged	1	Yes	<a href="#">more</a>
V1636 — Sunvisor/Fitting Damaged	5	Left side only	<a href="#">more</a>
V1637 — Windshield Molding Damaged	1	Yes	<a href="#">more</a>
V1638 — Left A-pillar Damaged	1	Yes	<a href="#">more</a>
V1639 — Right A-pillar Damaged	1	Yes	<a href="#">more</a>
V1640 — Center Console Damaged	1	Yes	<a href="#">more</a>
V1641 — Transmission Lever Damaged	1	Yes	<a href="#">more</a>
V1642 — Horn/Spoke Shroud Damaged	0	No	<a href="#">more</a>
V1643 — Upper Panel Damaged	1	Yes	<a href="#">more</a>

V1644 — Mid Panel Damaged	1	Yes	<a href="#">more</a>
V1645 — Lower Panel Damaged	1	Yes	<a href="#">more</a>
V1646 — Ashtray Damaged	1	Yes	<a href="#">more</a>
V1647 — Control Knob/Lever Damaged	1	Yes	<a href="#">more</a>
V1648 — Glove Compartment Area Damaged	1	Yes	<a href="#">more</a>
V1649 — Instruments Damaged	1	Yes	<a href="#">more</a>
V1650 — Park Brake Release Damaged	1	Yes	<a href="#">more</a>
V1651 — Park Brake Pedal Damaged	1	Yes	<a href="#">more</a>
V1652 — A/C Or Upper Vent Damaged	1	Yes	<a href="#">more</a>
V1653 — Heater Or A/C Duct Damaged	1	Yes	<a href="#">more</a>
V1654 — Radio Damaged	1	Yes	<a href="#">more</a>
V1655 — Other Item Damaged	8	Not applicable	<a href="#">more</a>
V1656 — Rear Window Damaged	0	No	<a href="#">more</a>
V1657 — Rear Window Header Damaged	0	No	<a href="#">more</a>
V1658 — Vertical Console Damaged	8	Not applicable	<a href="#">more</a>
V1659 — Roof Console Damaged	8	Not applicable	<a href="#">more</a>

## Case Vehicle

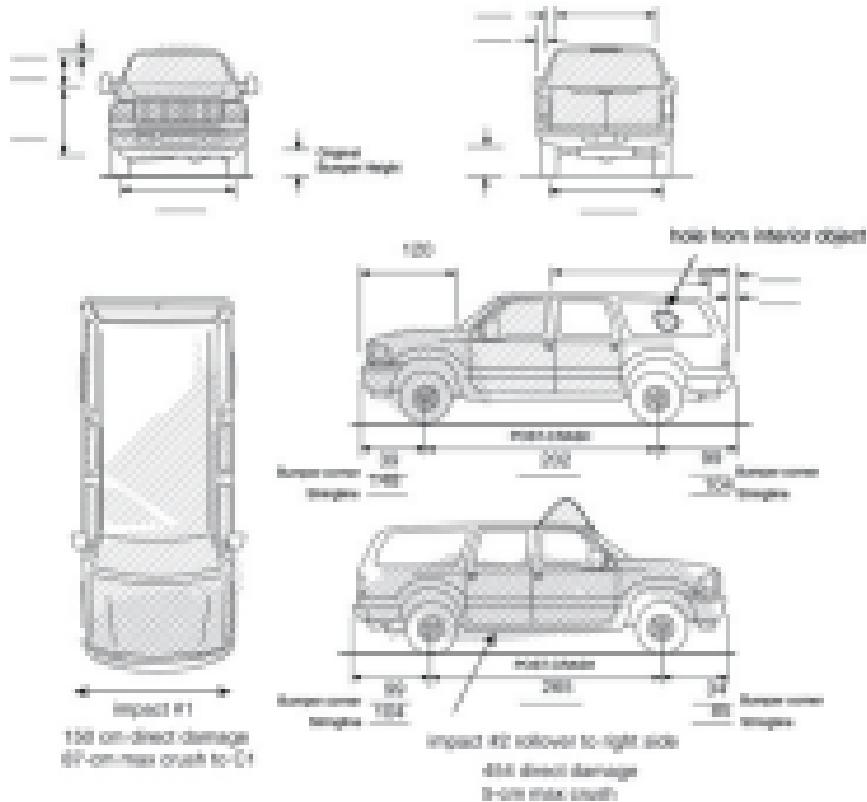
### Seats

Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	<a href="#">more</a>
V1702 — Passenger Front Seat Type	05	Bucket	<a href="#">more</a>
V1703 — Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704 — Passenger Seat Mount Type	1	Standard	<a href="#">more</a>
V1705 — Driver Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1706 — Passenger Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1707 — Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708 — Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1711 — Driver Seat Damage	3	Backrest and cushion damaged	<a href="#">more</a>
V1712 — Passenger Seat Damage	1	Backrest only damaged	<a href="#">more</a>
V1713 — Center Front Armrest Damaged	8	Not applicable (no center armrest)	<a href="#">more</a>
V1714 — Driver Seat Rotation	1	Forward apparent	<a href="#">more</a>
V1715 — Passenger Seat Rotation	1	Forward apparent	<a href="#">more</a>
V1716 — Driver Seat-back Type	1	Forward folding	<a href="#">more</a>
V1717 — Passenger Seat-back Type	1	Forward folding	<a href="#">more</a>
V1718 — Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719 — Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720 — Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721 — Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>

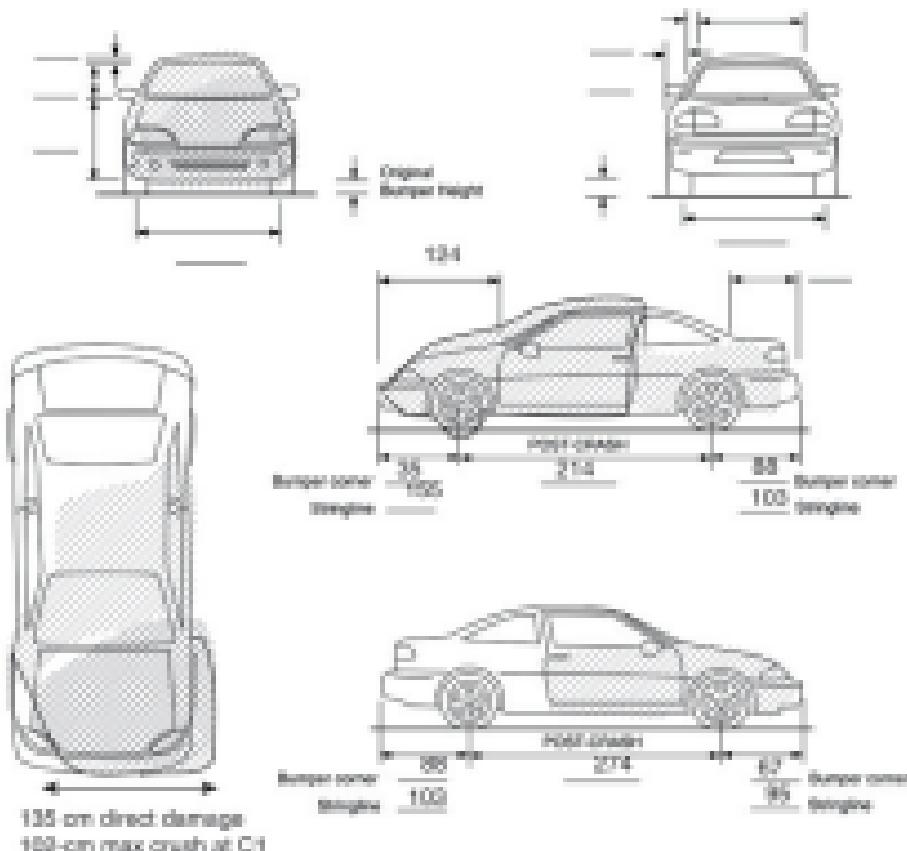
V1722 — Driver Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1723 — Passenger Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1724 — Driver Head Restraint Type	2	Integral	<a href="#">more</a>
V1725 — Passenger Head Restraint Type	2	Integral	<a href="#">more</a>
V1726 — Driver Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1727 — Passenger Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1728 — Driver Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1729 — Passenger Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1730 — Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731 — Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732 — Driver Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1733 — Passenger Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1734 — Driver Seat Adjustment Provided	1	2-way	<a href="#">more</a>
V1735 — Passenger Seat Adjustment Provided	1	2-way	<a href="#">more</a>
V1736 — Driver Seat Adjuster Damage	2	Deformed (released/jammed)	<a href="#">more</a>
V1737 — Passenger Seat Adjuster Damage	2	Deformed (released/jammed)	<a href="#">more</a>
V1738 — Driver Seat Adjuster Separation	0	None	<a href="#">more</a>
V1739 — Passenger Seat Adjuster Separation	0	None	<a href="#">more</a>
V1740 — Driver Seat Pre-crash Position	9	Unknown	<a href="#">more</a>
V1741 — Passenger Seat Pre-crash Position	9	Unknown	<a href="#">more</a>
V1742 — Left Rear Seat Type	2	Folding	<a href="#">more</a>
V1743 — Right Rear Seat Type	2	Folding	<a href="#">more</a>
V1744 — Left Rear Seat Damaged	0	None	<a href="#">more</a>
V1745 — Right Rear Seat Damaged	0	None	<a href="#">more</a>
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	<a href="#">more</a>

V1747 — Left Rear Seat-back Left Lock Equipped	1	Yes	<a href="#">more</a>
V1748 — Right Rear Seat-back Left Lock Equipped	0	No	<a href="#">more</a>
V1749 — Left Rear Seat-back Left Lock Held	1	Yes	<a href="#">more</a>
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1751 — Left Rear Seat-back Right Lock Equipped	0	No	<a href="#">more</a>
V1752 — Right Rear Seat-back Right Lock Equipped	1	Yes	<a href="#">more</a>
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1754 — Right Rear Seat-back Right Lock Held	1	Yes	<a href="#">more</a>
V1755 — Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1756 — Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1761 — Rear Head Restraints	1	Equipped	<a href="#">more</a>

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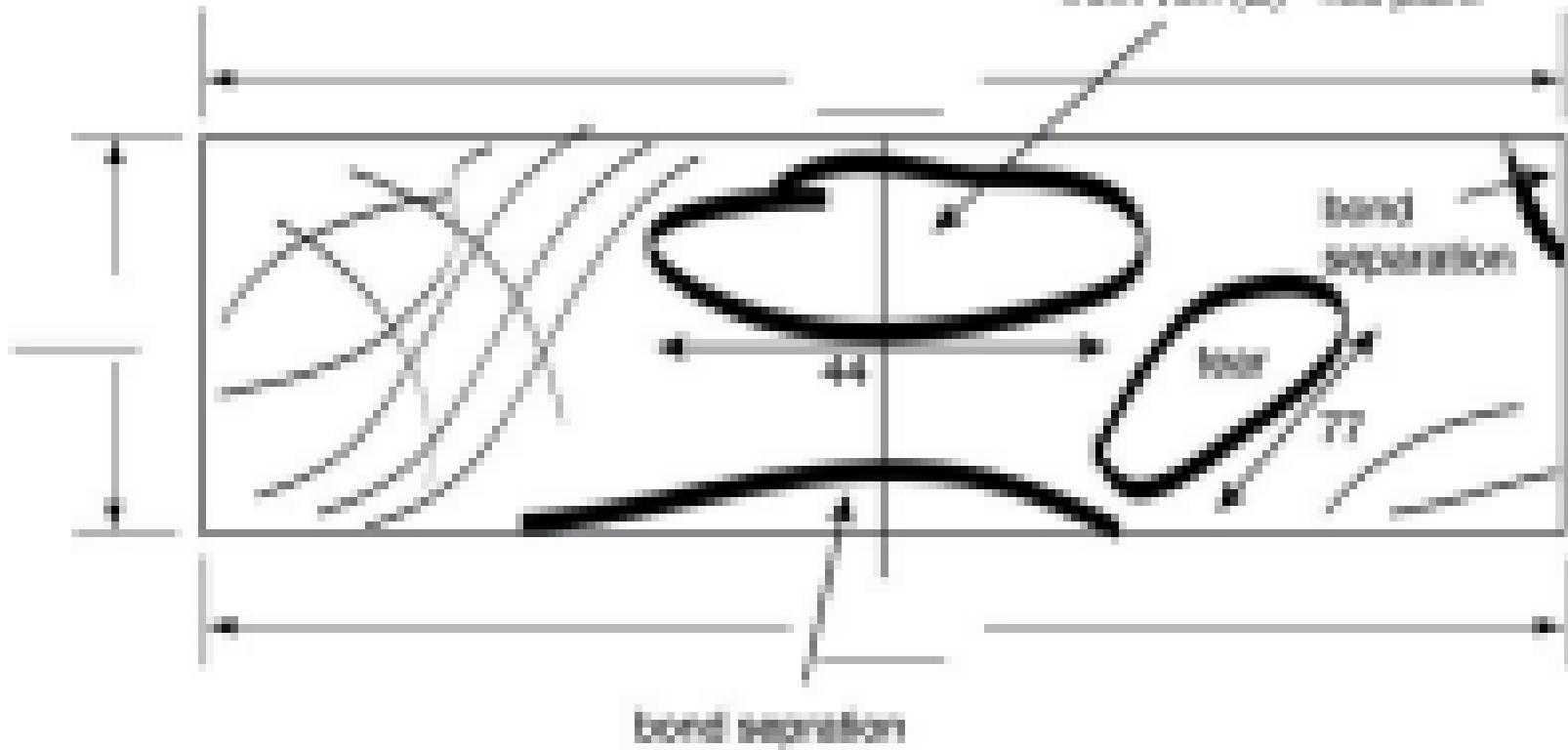
## WATER SUPPLY AND SANITATION

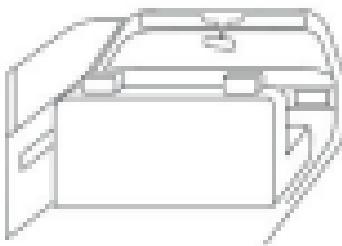
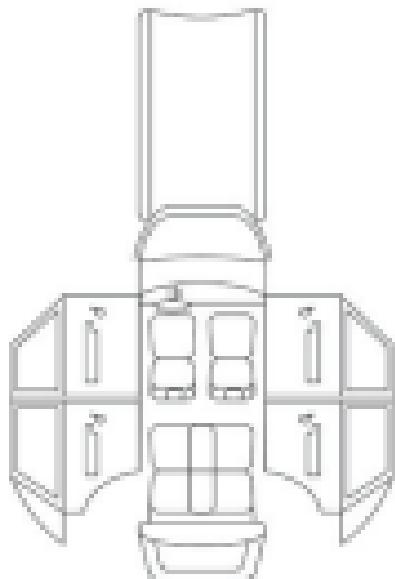


WINDSHIELD MARK ON CASE VEHICLE:

UNKNOWN

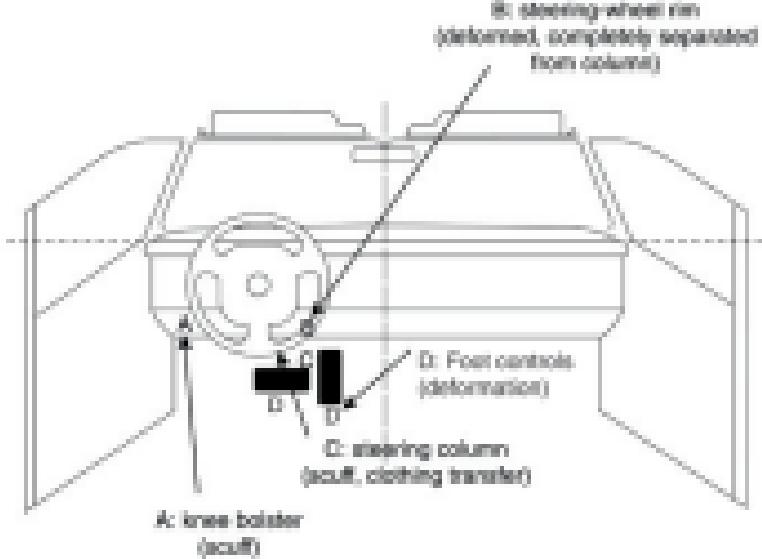
direct damage to windshields from van (B) - red paint





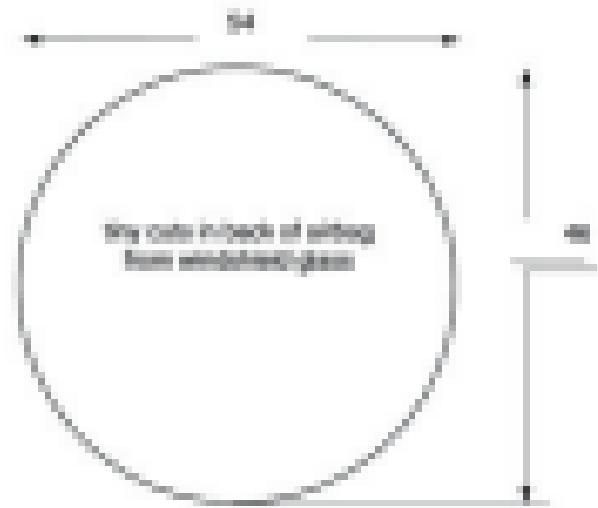
no evidence of belt use

lower half and right portion of steering wheel deformed

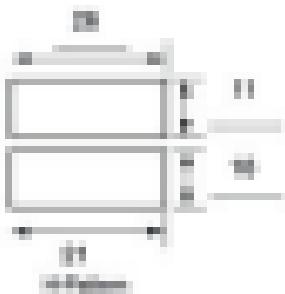


## SPREAD NUMBER ON DRIVE IN 1000:

1000 1000



1000 1000



1000 1000  
From, how many \_\_\_\_\_

1000 1000  
From, how many \_\_\_\_\_

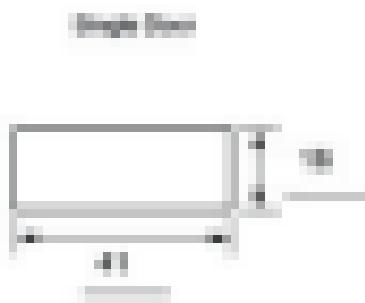
### Passenger cabin



From     
From

From     
From

### Passenger compartment



1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	=	
11	Windshield	124	–	65	=	59
11	Toepan	121	–	85	=	36
11	Instrument panel	81	–	49	=	32
11	A-pillar	80	–	50	=	30
11	Floor		–		=	10
11	Windshield header	43	–	34	=	9
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Knee/leg	Scuff, broken	1
B	Steering wheel rim	1	Head	Lower half and right portion of rim deformed	1
C	Steering column	1	Leg	Clothing transfer, scuff	1
D	Brake and accelerator pedals	1	Right foot	Deformation	2
E					

# Case # 301: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	54	Upper instrument panel	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	03	Central	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FCFS1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	99	Unknown area of contact	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	02	Back	<a href="#">more</a>
V2105 — Primary OIC -aspect	19	Superior/upper	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	2	Moderate	<a href="#">more</a>
V2109 — Primary OIC	BSFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	65	Steering wheel	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2104 — Primary OIC -body Region	03	Chest	<a href="#">more</a>
V2105 — Primary OIC -aspect	02	Bilateral	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	5	Critical	<a href="#">more</a>
V2109 — Primary OIC	CBFS5	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	<a href="#">more</a>
V2102 — 1st Prob Contact Area	20	Surface of side interior	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	22	Window glass (side)	<a href="#">more</a>
V2104 — Primary OIC -body Region	18	Forearm	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	RLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 5

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	05	Injury #5	<a href="#">more</a>
V2102 — 1st Prob Contact Area	99	Unknown area of contact	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	20	Thigh	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	TRLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 6

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	06	Injury #6	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	11	Knee	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	KRLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 7

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	07	Injury #7	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	20	Thigh	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	3	Serious	<a href="#">more</a>
V2109 — Primary OIC	TLFS3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 8

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	08	Injury #8	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	3	Serious	<a href="#">more</a>
V2109 — Primary OIC	LLFS3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury # 9

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	09	Injury #9	<a href="#">more</a>
V2102 — 1st Prob Contact Area	48	Knee restraint	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	2	Moderate	<a href="#">more</a>
V2109 — Primary OIC	LLFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury #10

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	10	Injury #10	<a href="#">more</a>
V2102 — 1st Prob Contact Area	28	Foot controls (including parking brake pedal)	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	17	Ankle/foot	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	QRLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury #11

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	11	Injury #11	<a href="#">more</a>
V2102 — 1st Prob Contact Area	28	Foot controls (including parking brake pedal)	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	17	Ankle/foot	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	04	Dislocation	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	10	Joints	<a href="#">more</a>
V2108 — Primary OIC -severity	2	Moderate	<a href="#">more</a>
V2109 — Primary OIC	QRDJ2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1; Injury #12

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	12	Injury #12	<a href="#">more</a>
V2102 — 1st Prob Contact Area	99	Unknown area of contact	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	02	Back	<a href="#">more</a>
V2105 — Primary OIC -aspect	19	Superior/upper	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	2	Moderate	<a href="#">more</a>
V2109 — Primary OIC	BSFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 301: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	1	Left	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	45	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	093 kg	—	—
V2009 — Occupant Height	163 cm	—	—
V2010 — Occupant Sex	2	Female	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	05	Fatal - dead at scene	<a href="#">more</a>
V2012 — Injury Severity Score	35	—	—
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	4	K - Fatal	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	0	None (available but not used)	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>
V2022 — Highest OIC Severity	5	Critical	<a href="#">more</a>

V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	9	Unknown	<a href="#">more</a>
V2025 — Source of Occupant Info	2	Autopsy	<a href="#">more</a>













































































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